

FIG. 1A

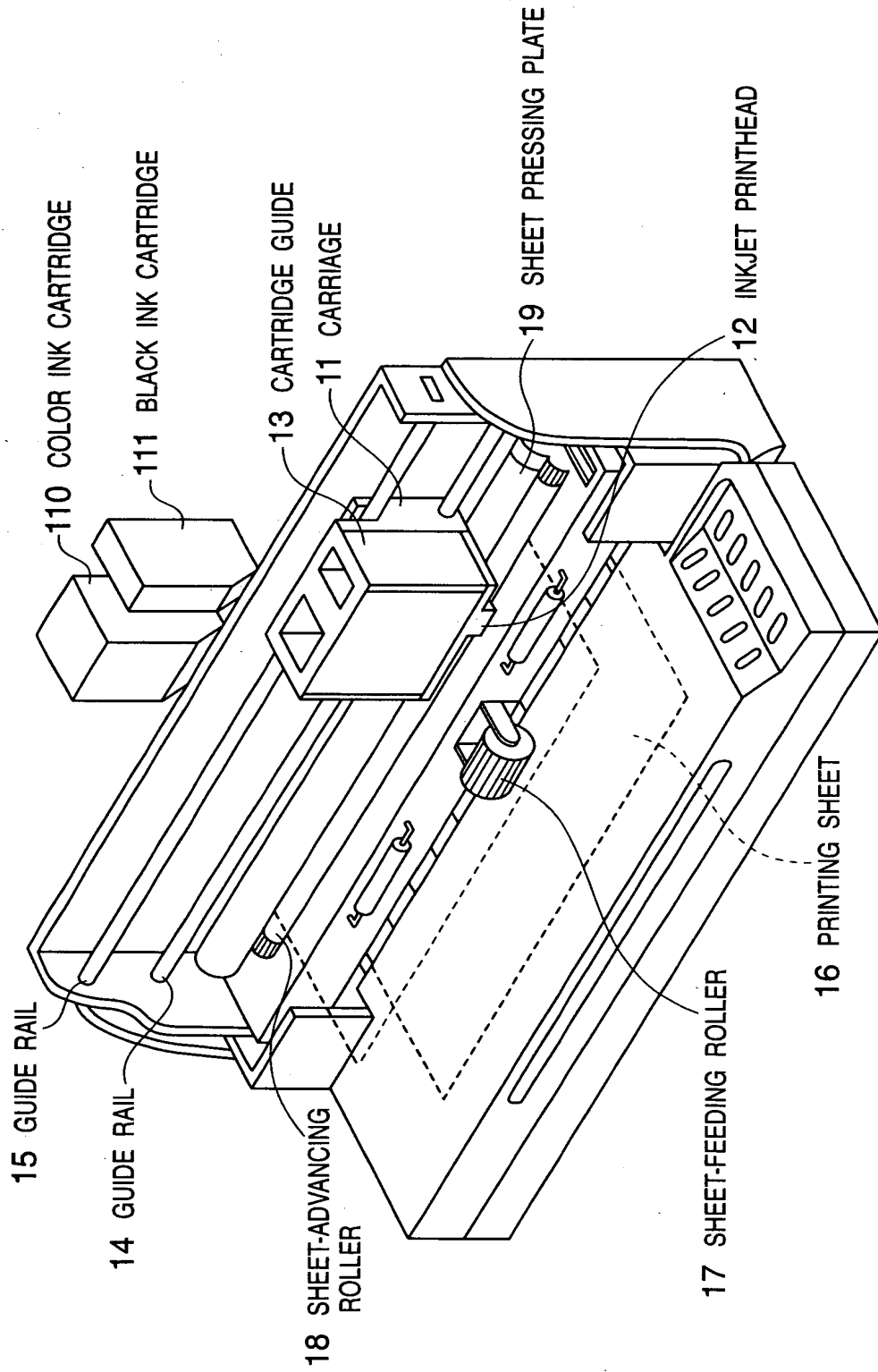


FIG. 1B

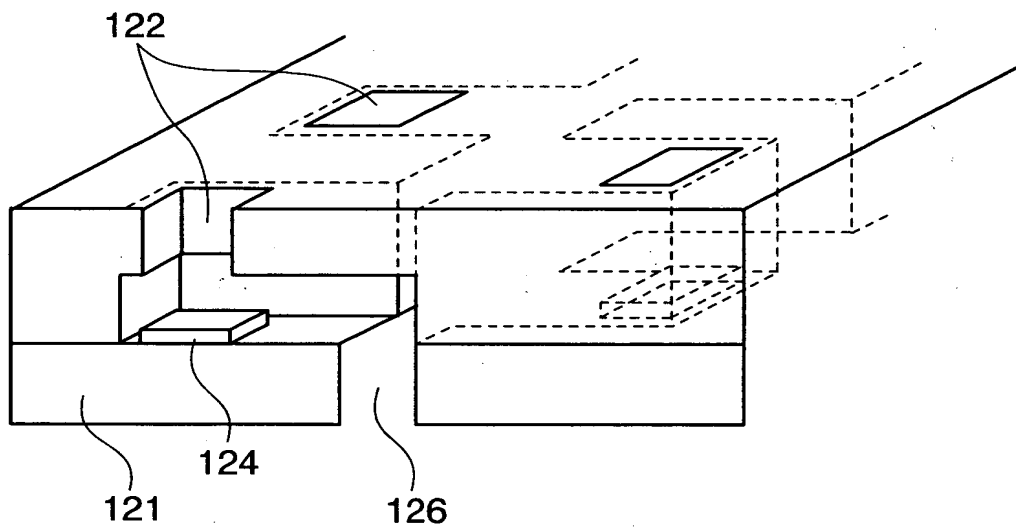


FIG. 2

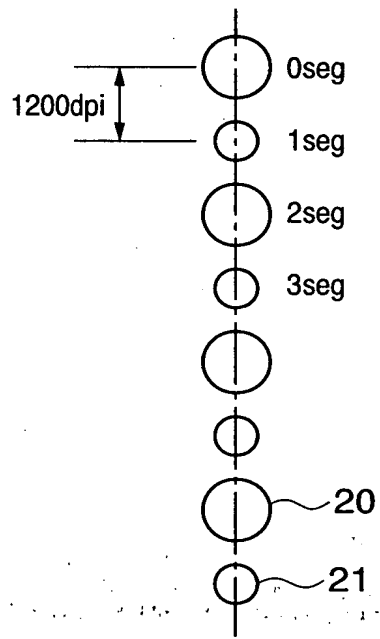


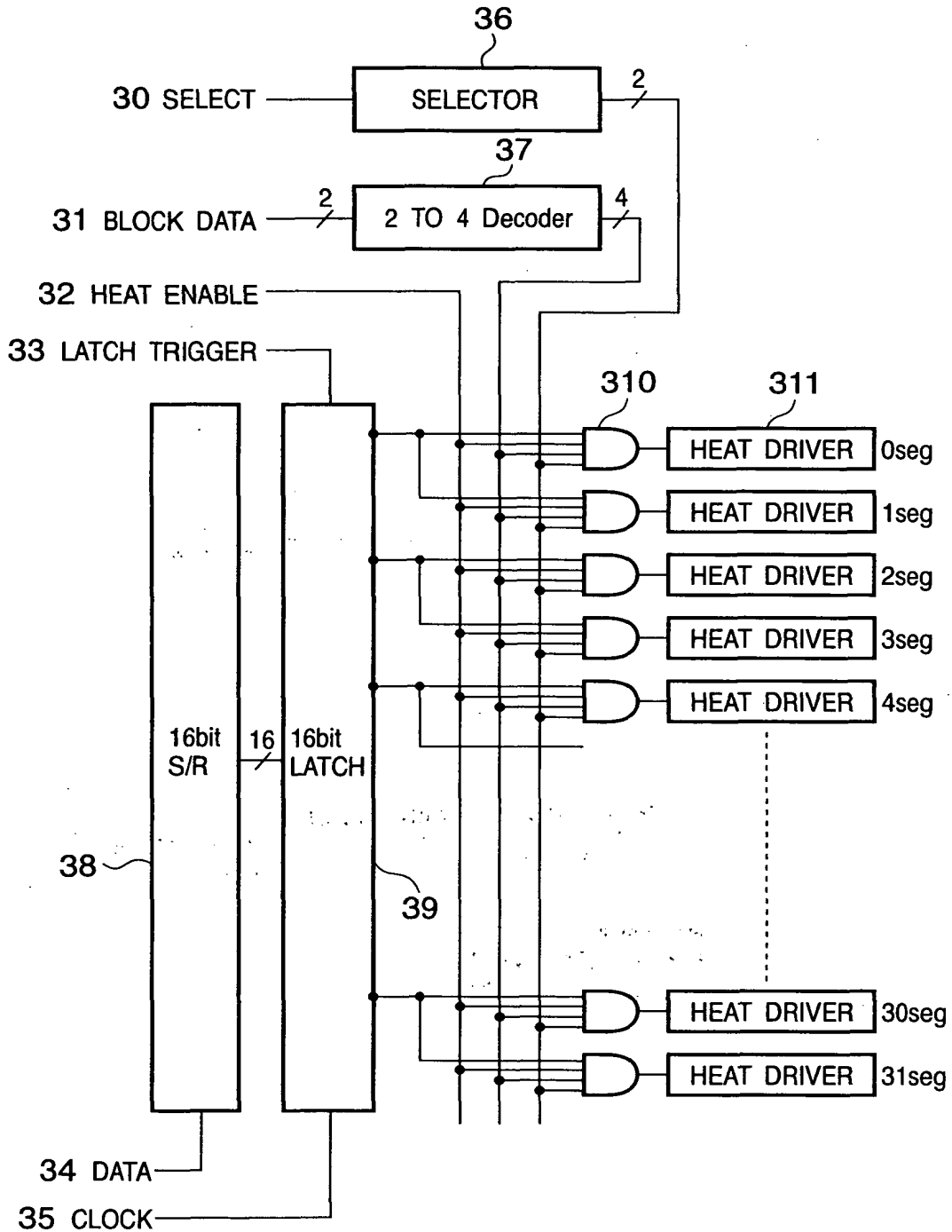
FIG. 3

FIG. 4

2 TO 4 INPUT		2 TO 4 Decoder OUTPUT			
BE0	BE1	BLE0	BLE1	BLE2	BLE3
L	L	H	L	L	L
H	L	L	H	L	L
L	H	L	L	H	L
H	H	L	L	L	H

FIG. 5

SELECTOR INPUT	SELECTOR OUTPUT	
SELECT	SEL0	SEL1
L	H	L
H	L	H

FIG. 6

seg	BLE	SEL
0	0	0
1	0	1
2	1	0
3	1	1
4	2	0
5	2	1
6	3	0
7	3	1
8	0	0
9	0	1
10	1	0
11	1	1
12	2	0
13	2	1
14	3	0
15	3	1
16	0	0
17	0	1
18	1	0
19	1	1
20	2	0
21	2	1
22	3	0
23	3	1
24	0	0
25	0	1
26	1	0
27	1	1
28	2	0
29	2	1
30	3	0
31	3	1

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CLOCK

DATA

LATCH TRIGGER

BE0

BE1

HEAT ENABLE

SELECT

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A B C D E F G H I J K L M N O P

70

71

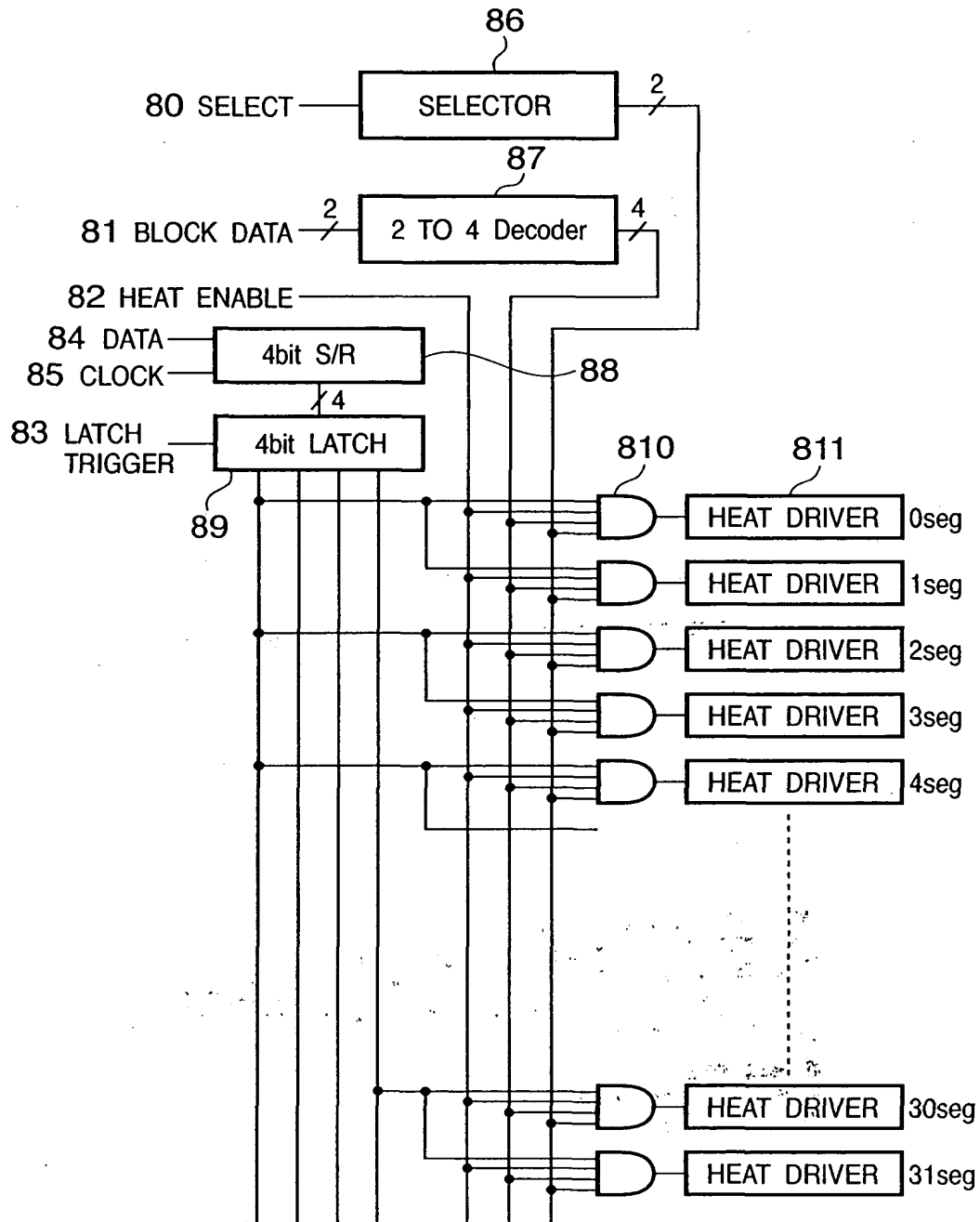
FIG. 8

FIG. 9

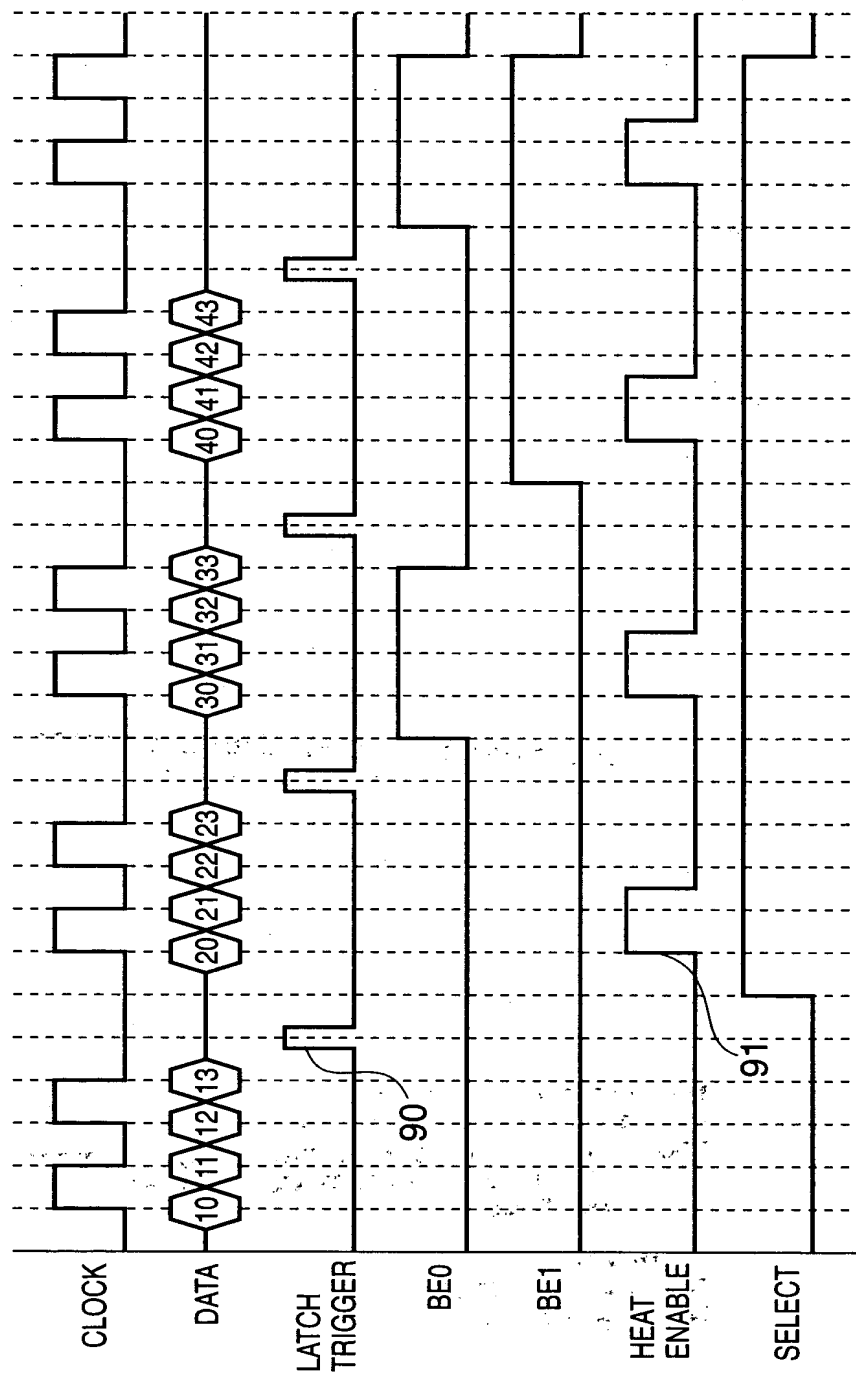


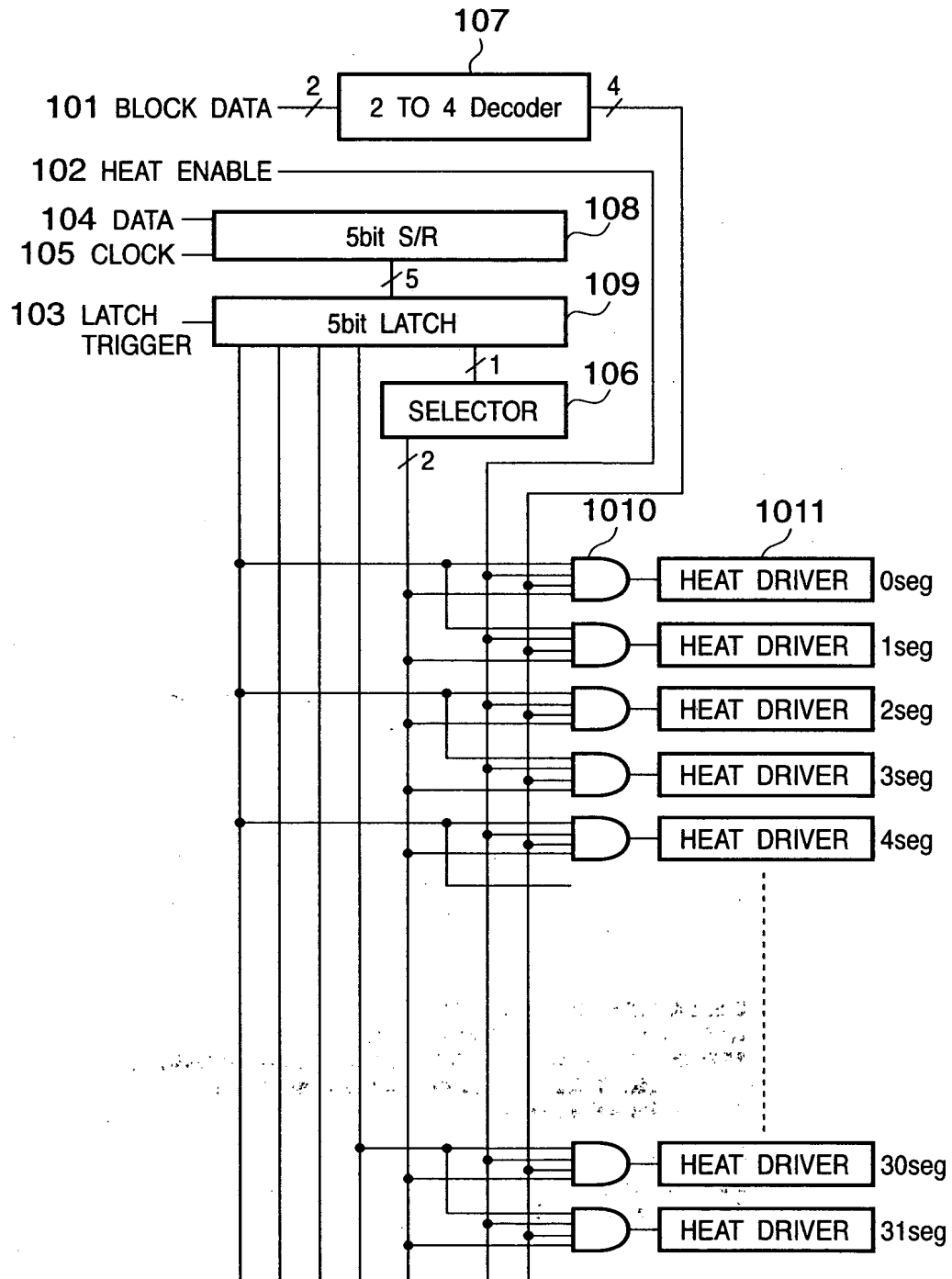
FIG. 10

FIG. 11

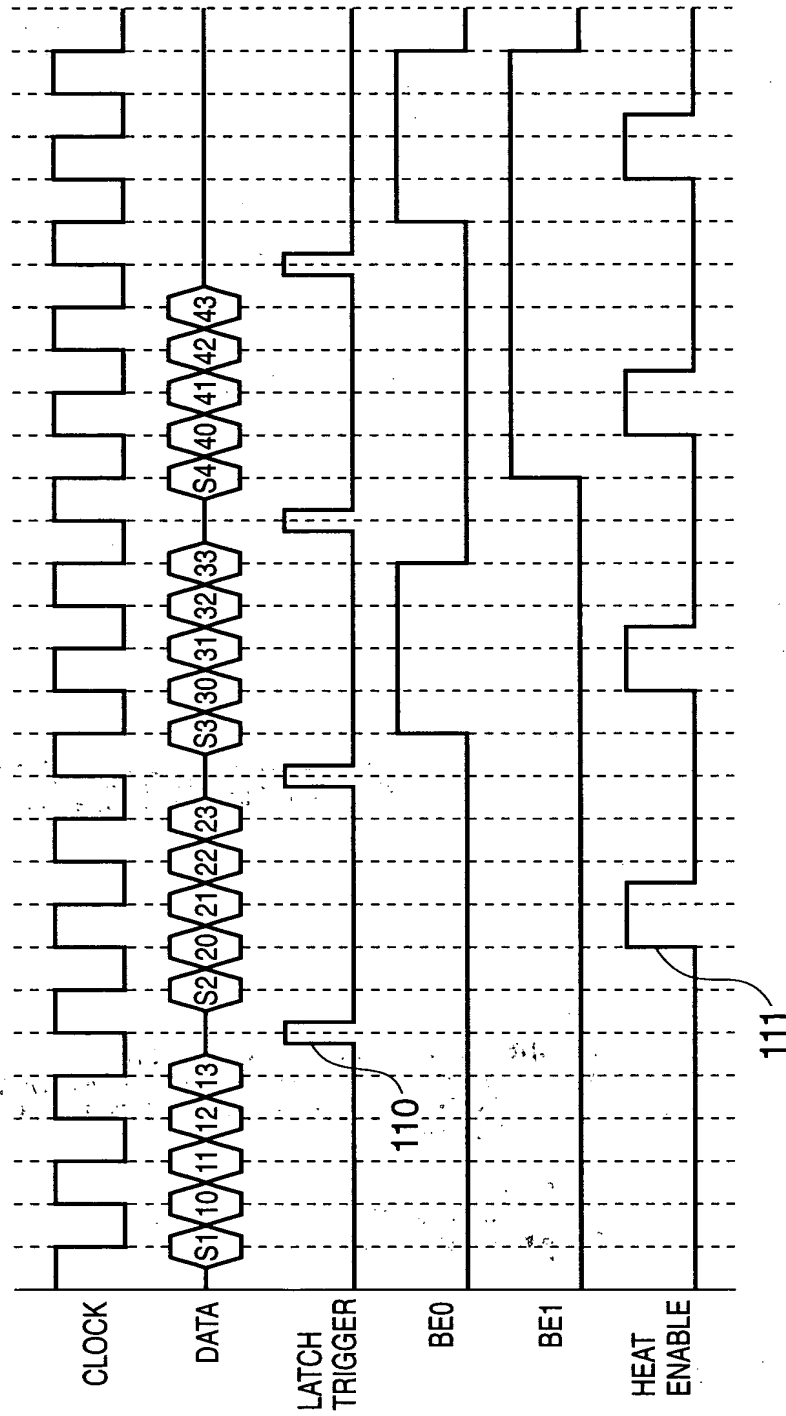


FIG. 12

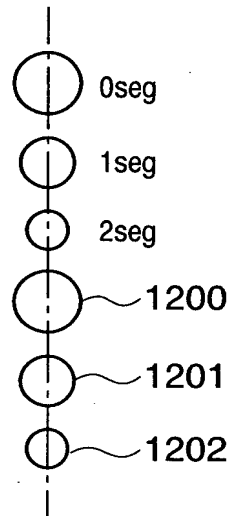


FIG. 13

SELECTOR INPUT	SELECTOR OUTPUT		
SELECT	SEL0	SEL1	SEL2
LL	H	L	L
LH	L	H	L
HL	L	L	H

FIG. 14

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seg	BLE	SEL
0	0	0
1	0	1
2	0	2
3	1	0
4	1	1
5	1	2
6	2	0
7	2	1
8	2	2
9	3	0
10	3	1
11	3	2
12	0	0
13	0	1
14	0	2
15	1	0
16	1	1
17	1	2
18	2	0
19	2	1
20	2	2
21	3	0
22	3	1
23	3	2
24	0	0
25	0	1
26	0	2
27	1	0
28	1	1
29	1	2
30	2	0
31	2	1
32	2	2
33	3	0
34	3	1
35	3	2
36	0	0
37	0	1
38	0	2
39	1	0
40	1	1
41	1	2
42	2	0
43	2	1
44	2	2
45	3	0
46	3	1
47	3	2

FIG. 15

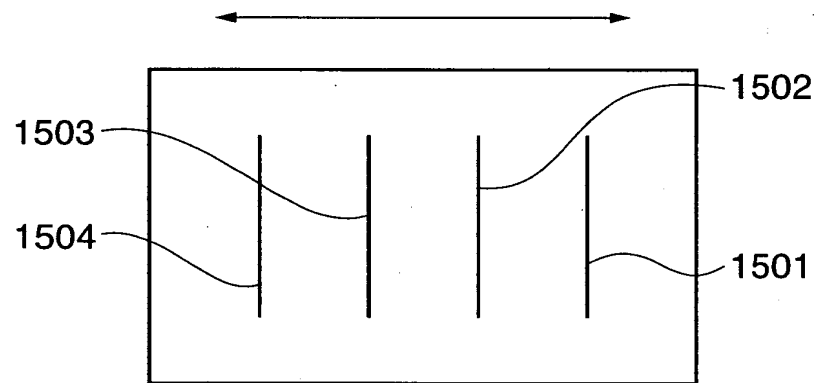


FIG. 16

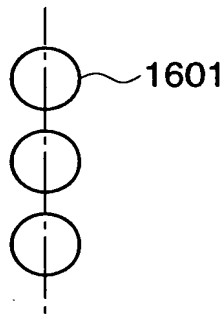


FIG. 17

SIGNAL	BLACK	CYAN	MAGENTA	YELLOW
SELECT	Non	A1	A2	A3
BLOCK DATA	B	B	B	B
HEAT ENABLE	C1	C2	C2	C2
LATCH TRIGGER	D	D	D	D
DATA	E1	E2	E3	E4
CLOCK	F	F	F	F

FIG. 18

SIGNAL	BLACK	CYAN	MAGENTA	YELLOW
SELECT	Non	A	A	A
BLOCK DATA	B	B	B	B
HEAT ENABLE	C1	C2	C2	C2
LATCH TRIGGER	D	D	D	D
DATA	E1	E2	E3	E4
CLOCK	F	F	F	F

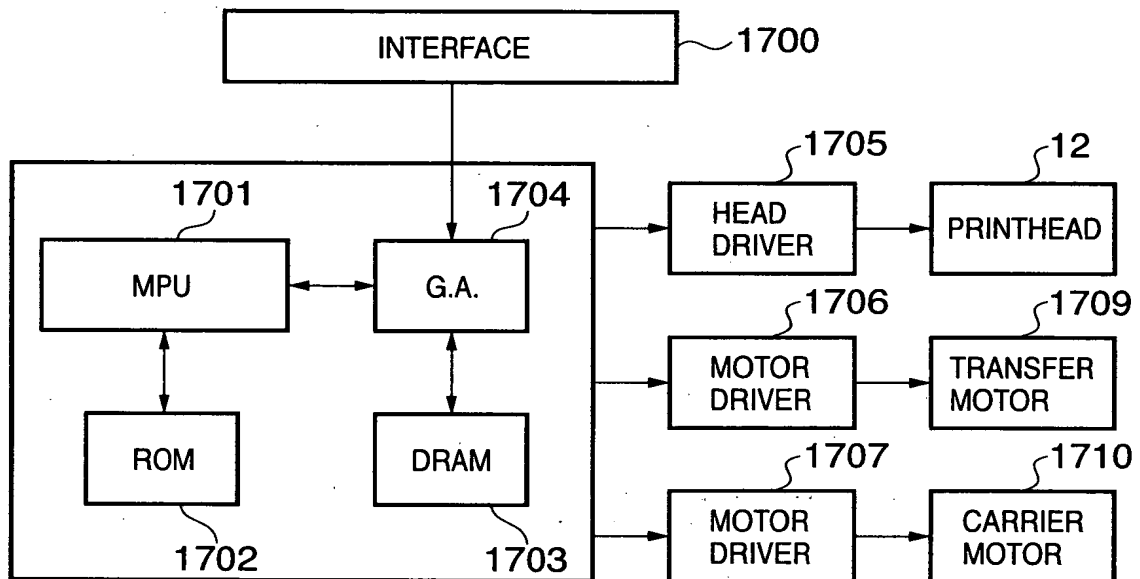
FIG. 19

FIG. 20

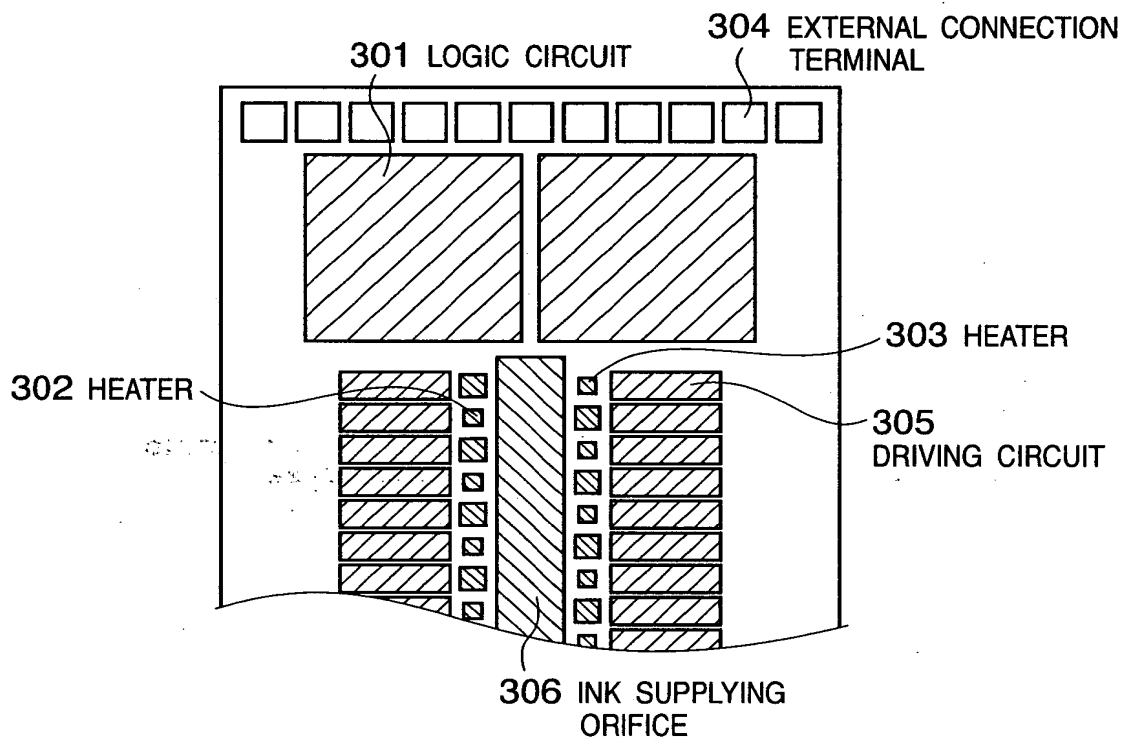


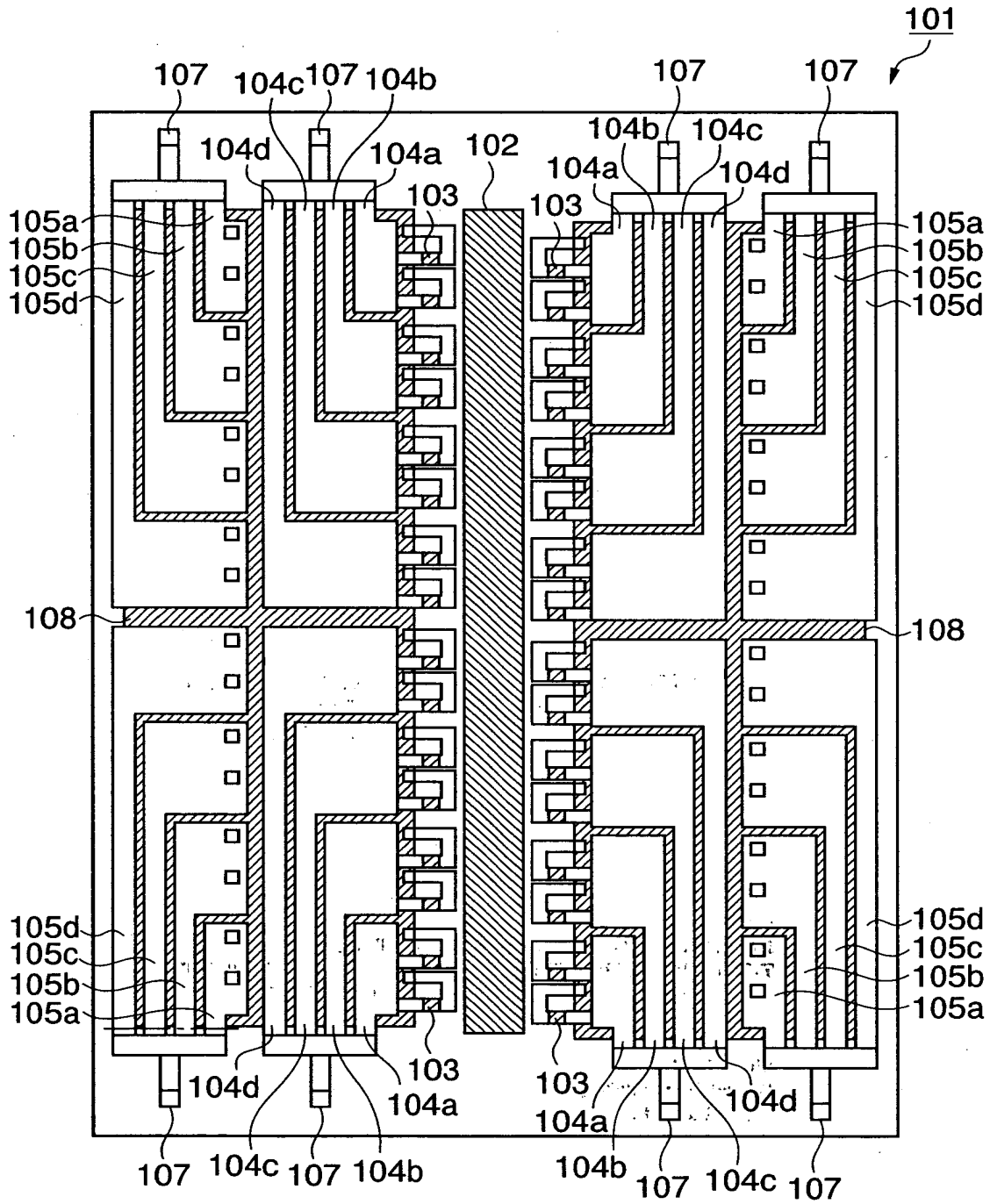
FIG. 21

FIG. 22

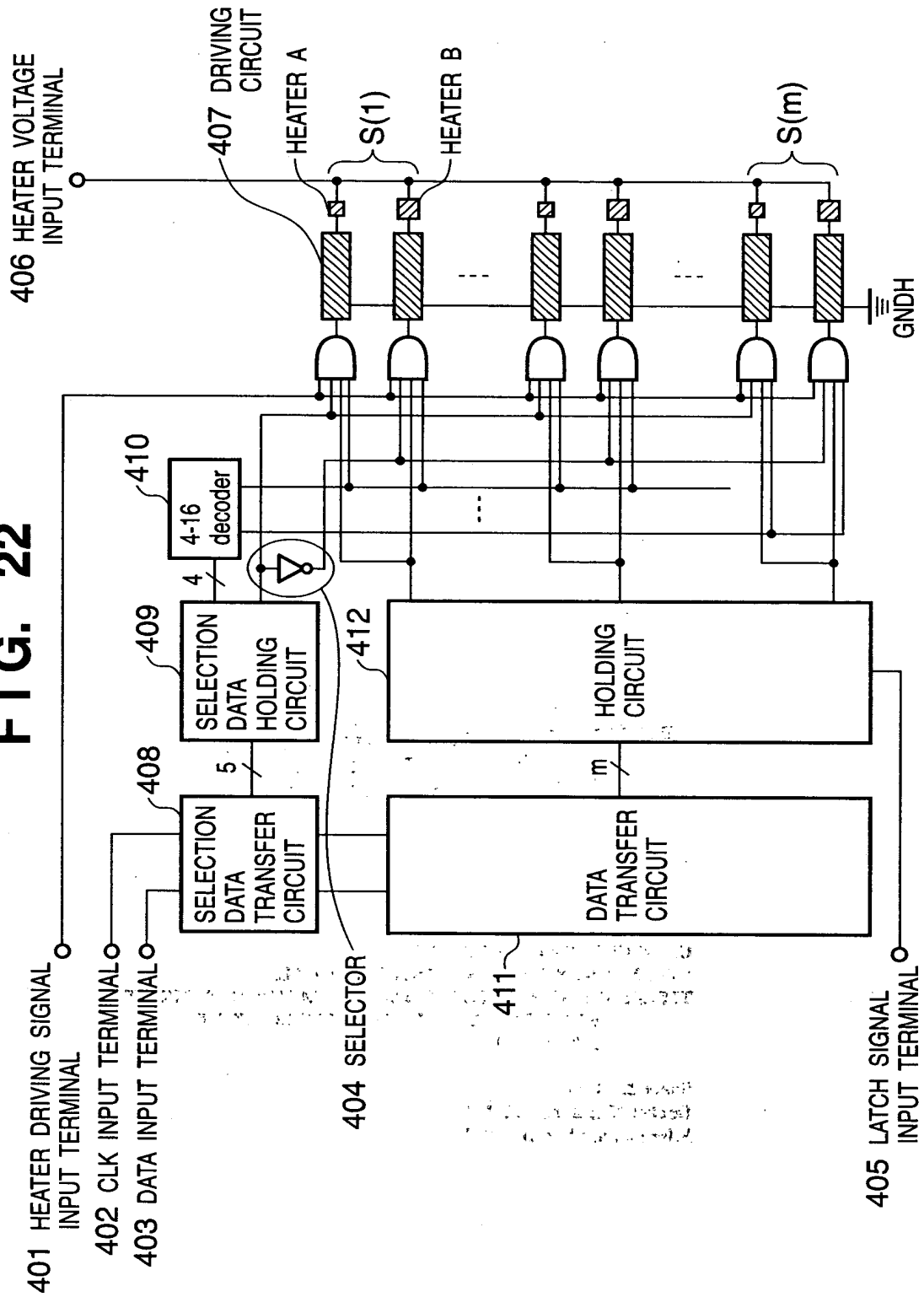


FIG. 23

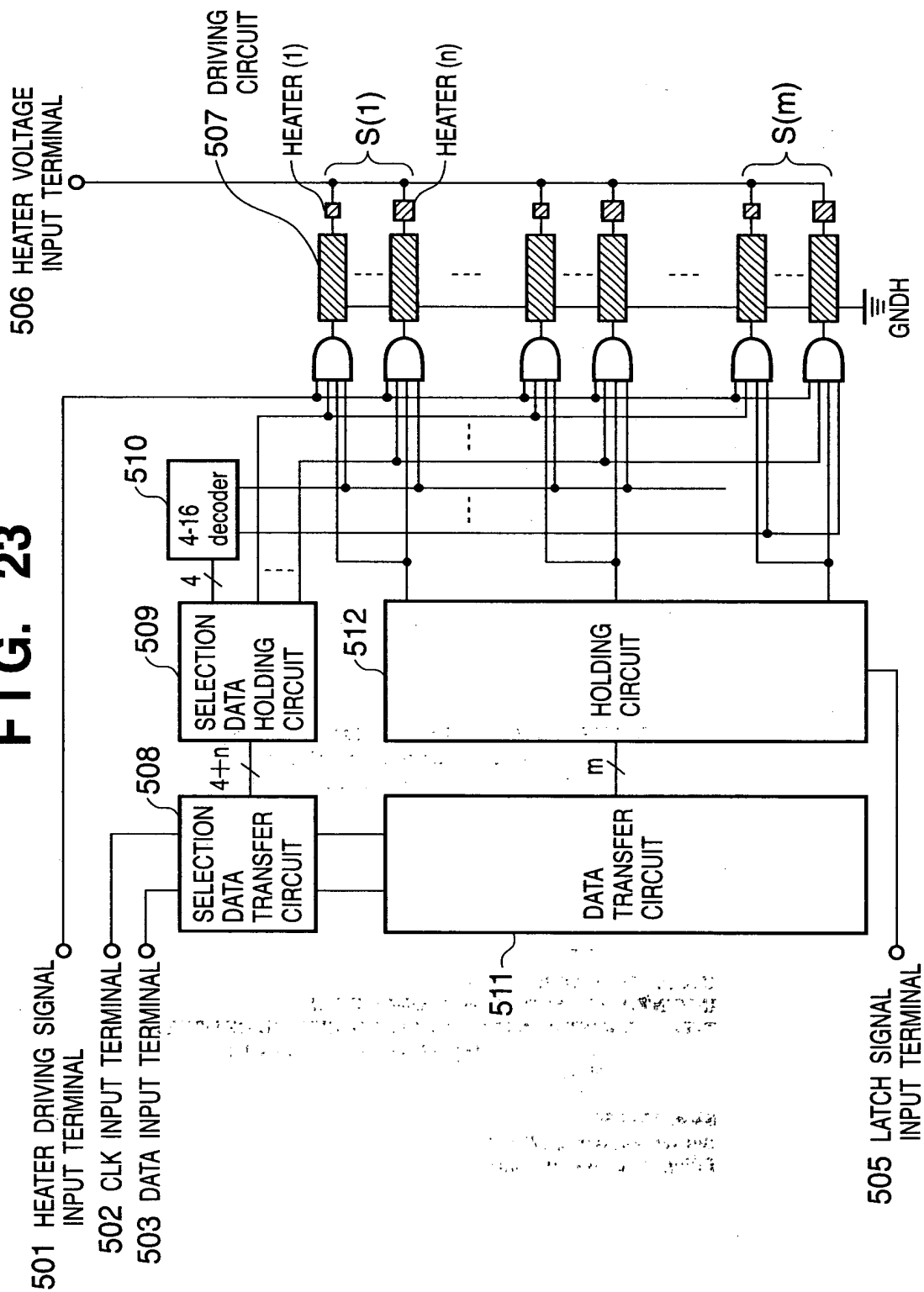


FIG. 24

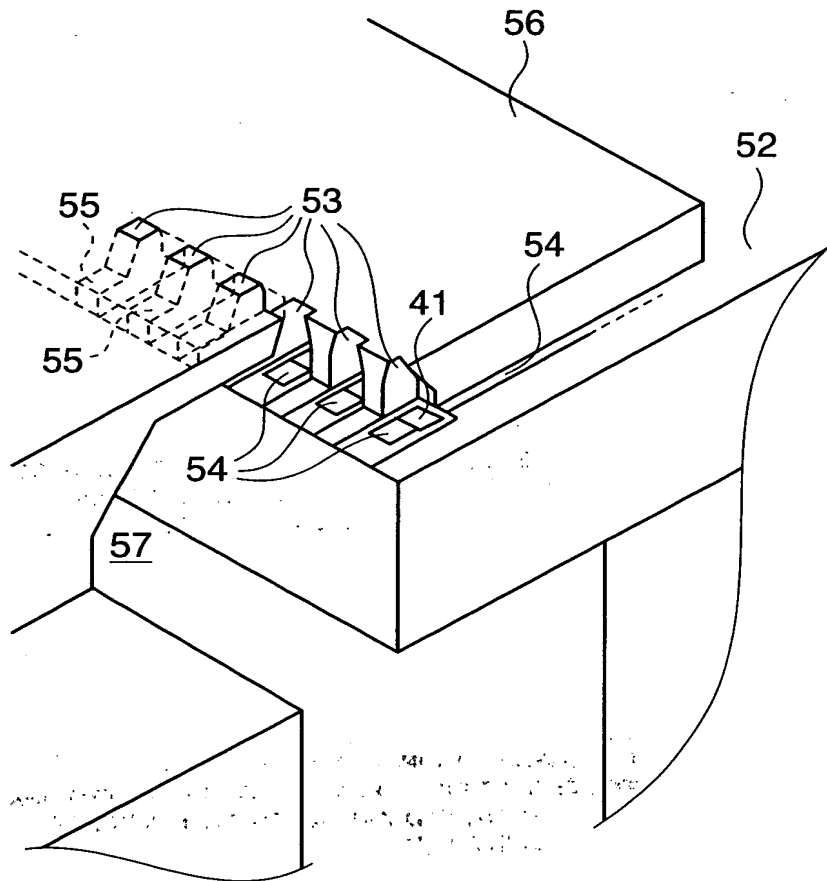


FIG. 25

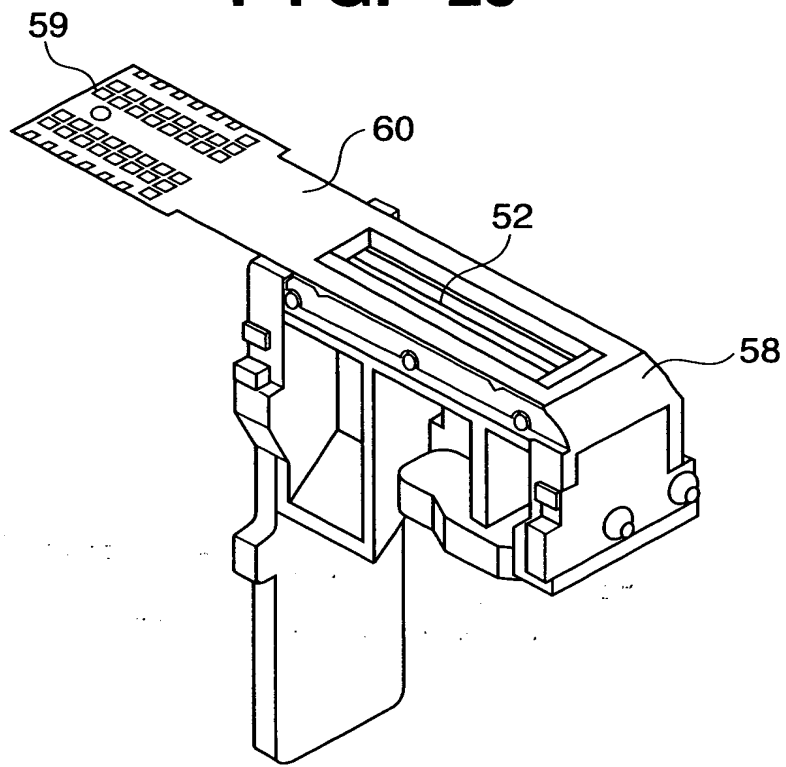


FIG. 26

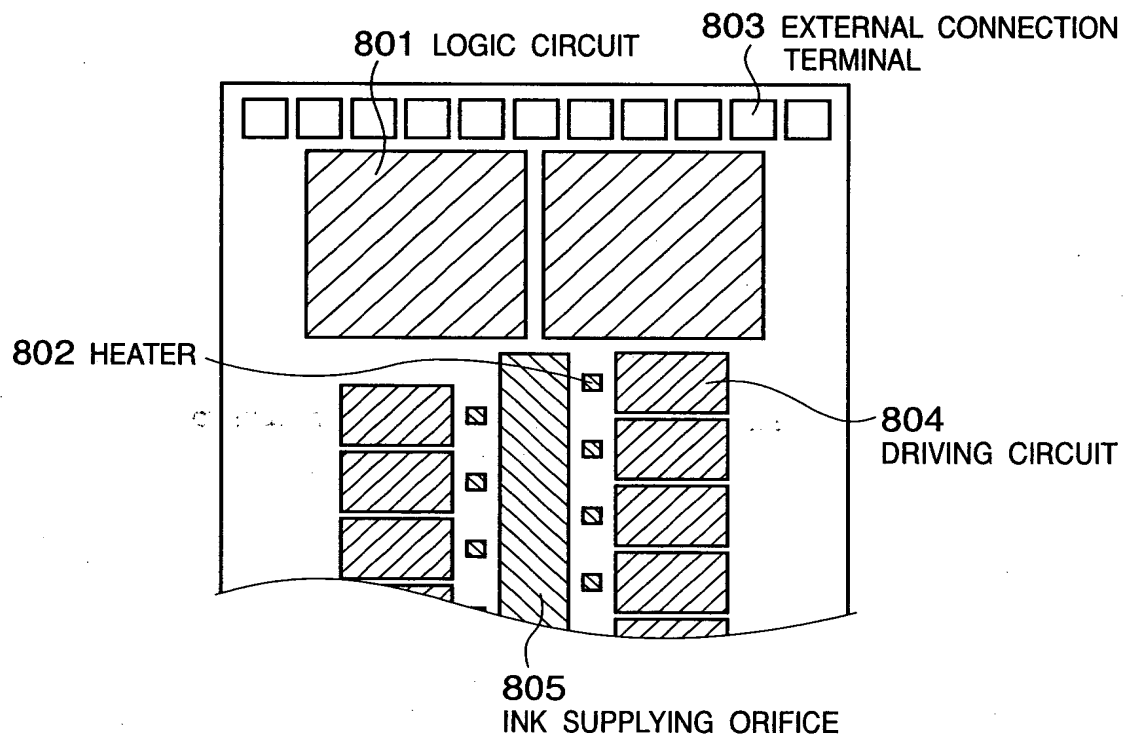


FIG. 27

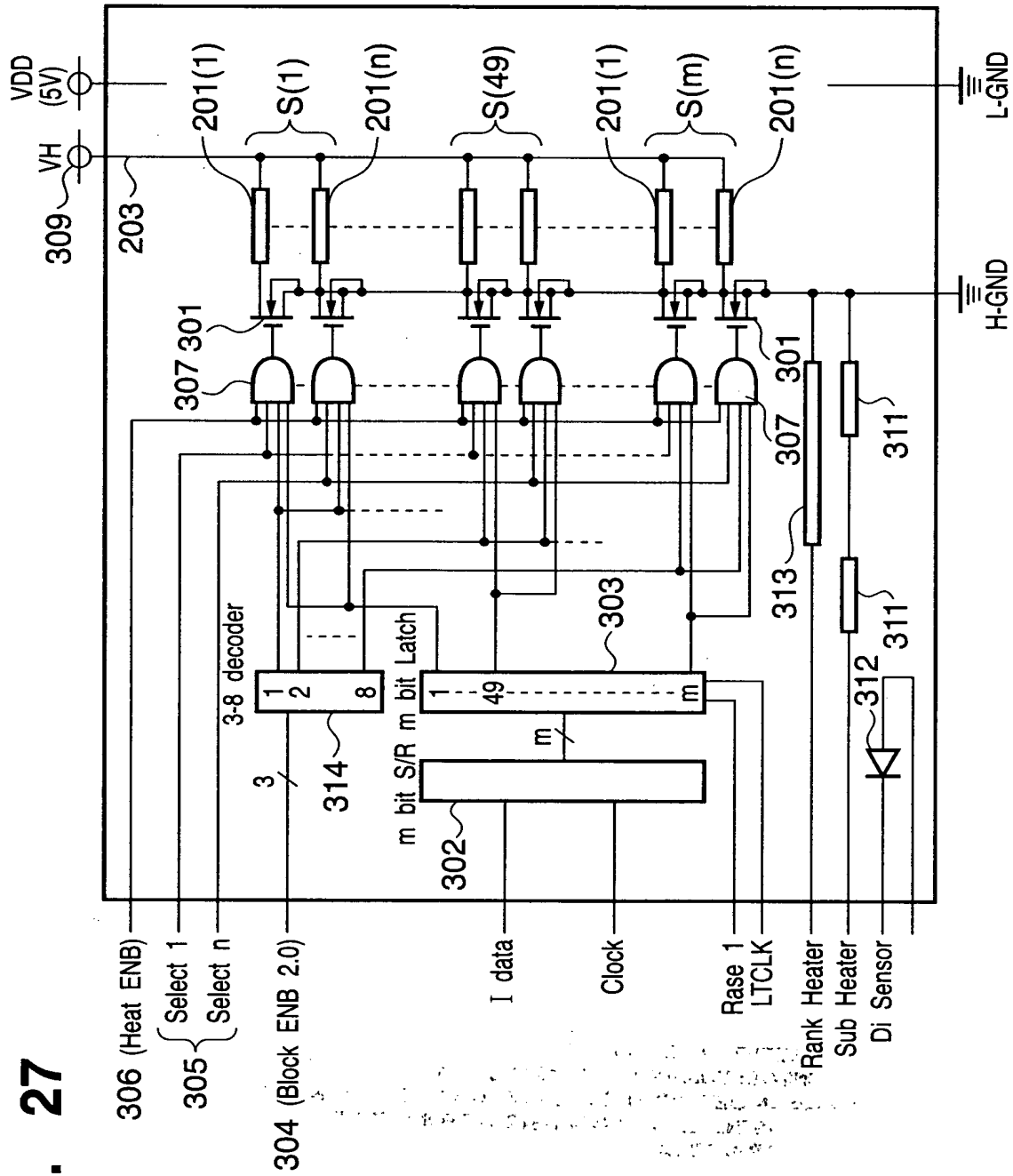


FIG. 28

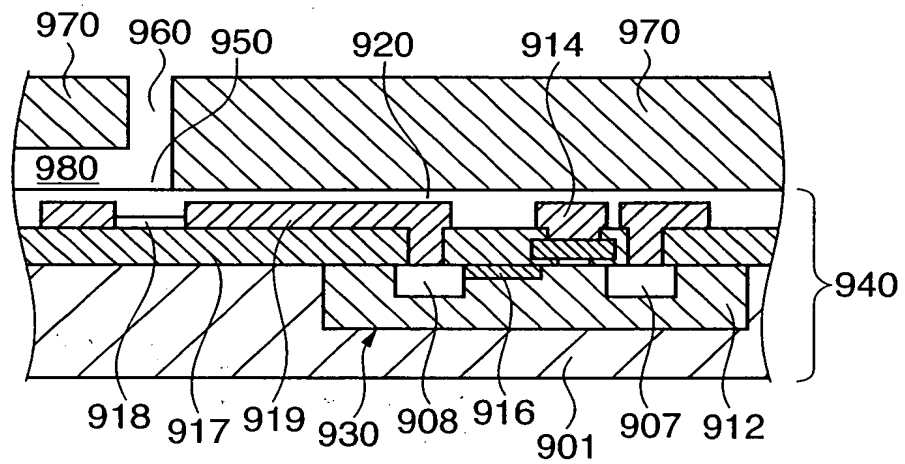


FIG. 29

